

## IN THE CLAIMS

Please, amend the claims as indicated below. This claim listing replaces all the previous claim listings. The claim listing is provided here in annotated and in clean forms.

Claim listing (annotated):

1. (Previously canceled)
2. (Previously canceled)
3. (Previously canceled)
4. (Previously canceled)
5. (Previously canceled)
6. (Previously canceled)
7. (Amended) A pentarphin molecule consisting of a structure of cyclo(Val-Lys-Gly-Phe-Tyr) (SEQ ID NO:4) and further being called as cyclopentarphin.

8. (Amended) A drug composition for increasing activity and/or concentration of macrophages and/or T-lymphocytes in a mammal body, said drug composition comprising pentarphin sequence Val-Lys-Gly-Phe-Tyr (SEQ ID NO:4).
9. (previously amended) The drug composition according to claim 8, wherein the composition additionally contains at least one conventional antibiotic.
10. (previously amended) The drug composition according to claim 9, wherein the conventional antibiotic is streptomycin.
11. (Amended) A method to increase activity and/or concentration of macrophages and/or T-lymphocytes in a mammal body, said method comprising a step of: administering to a patient a therapeutically active amount of a drug composition comprising of petarphin sequence Val-Lys-Gly-Phe-Tyr (SEQ ID NO:4) in a linear or a cyclic form.
12. (Previously amended) The method according to claim 11, wherein the drug composition additionally contains at least one conventional antibiotic.
13. (Previously amended) The method according to claim 12, wherein the conventional antibiotic is streptomycin.

14. (Previously amended) the method according to claim 11, wherein total pentarphin concentration in the mammal body does not exceed 10mg/kg of body weight.
15. (Previously amended) The method according to claim 11, wherein the drug composition is administered intramuscularly.
16. (previously amended) The method according to claim 11, wherein the drug composition is administered per os.
17. (Previously amended) The method according to claim 11, wherein the drug composition is administered in nasal.
18. (Previously amended) The method according to claim 11, wherein the drug composition is administered by inhalation.
19. (Previously amended). A cell cultivation medium for mammal cell cultivation, said cultivation further containing macrophages, said cultivation medium further comprising pentarphins having a linear or cyclic structure at concentrations less than 10mg/l.
20. (Previously amended) The cell cultivation medium according to claim 19, wherein the medium additionally contains antibiotics.

CLAIM LISTING (clean)

1. (Previously canceled)
2. (Previously canceled)
3. (Previously canceled)
4. (Previously canceled)
5. (Previously canceled)
6. (Previously canceled)
7. (Amended) A pentarphin molecule consisting of a structure of cyclo(Val-Lys-Gly-Phe-Tyr) (SEQ ID NO:4) and further being called as cyclopentarphin.
8. (Amended) A drug composition for increasing activity and/or concentration of macrophages and/or T-lymphocytes in a mammal body, said drug composition comprising pentarphin sequence Val-Lys-Gly-Phe-Tyr (SEQ ID NO:4).
9. (previously amended) The drug composition according to claim 8, wherein the composition additionally contains at least one conventional antibiotic.

10. (previously amended) The drug composition according to claim 9, wherein the conventional antibiotic is streptomycin.
11. (Amended) A method to increase activity and/or concentration of macrophages and/or T-lymphocytes in a mammal body, said method comprising a step of: administering to a patient a therapeutically active amount of a drug composition comprising of pentarphin sequence Val-Lys-Gly-Phe-Tyr (SEQ ID NO:4) in a linear or a cyclic form.
12. (Previously amended) The method according to claim 11, wherein the drug composition additionally contains at least one conventional antibiotic.
13. (Previously amended) The method according to claim 12, wherein the conventional antibiotic is streptomycin.
14. (Previously amended) the method according to claim 11, wherein total pentarphin concentration in the mammal body does not exceed 10mg/kg of body weight.
15. (Previously amended) The method according to claim 11, wherein the drug composition is administered intramuscularly.


16. (previously amended) The method according to claim 11, wherein the drug composition is administered per os.
17. (Previously amended) The method according to claim 11, wherein the drug composition is administered in nasal.
18. (Previously amended) The method according to claim 11, wherein the drug composition is administered by inhalation.
19. (Previously amended). A cell cultivation medium for mammal cell cultivation, said cultivation further containing macrophages, said cultivation medium further comprising pentarphins having a linear or cyclic structure at concentrations less than 10mg/l.
20. (Previously amended) The cell cultivation medium according to claim 19, wherein the medium additionally contains antibiotics.

The amendments do not add any new matter into the application.

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